

# AP Physics 1 Pennington

## Week of April 6,2020 (first of our weekly assignments)

Hello AP Physics 1 students,

Well, I did not foresee fourth quarter being done online but here we go. The good news for us is we have covered all the topics that are going to be on the exam

<ul style="list-style-type: none"><li>• <b>What units will be assessed on the 2020 AP Physics 1 exam</b></li></ul>	<ul style="list-style-type: none"><li>• <b>What units will <u>NOT</u> be assessed in 2020</b></li></ul>
<ul style="list-style-type: none"><li>• Unit 1: Kinematics</li><li>• Unit 2: Dynamics</li><li>• Unit 3: Circular Motion and Gravitation</li><li>• Unit 4: Energy</li><li>• Unit 5: Momentum</li><li>• Unit 6: Simple Harmonic Motion</li><li>• Unit 7: Torque and Rotational Motion</li></ul>	<ul style="list-style-type: none"><li>• Unit 8: Electric Charge and Electric Force</li><li>• Unit 9: DC Circuits</li><li>• Unit 10: Mechanical Waves and Sound</li></ul>

Since we have covered all the topics on the exam, it is time to review. I believe the area I would like to review most is Unit 7 Torque and Rotational motion. In the coming weeks, I will also give you time and resources to review the other six units. **This week, from the AP Classroom , I assigned for you to do the Unit 7 Progress check MCA as well as the Unit 7 progress check FRQ.** You have until **April 12 midnight to complete** (please don't wait for Easter Sunday to be doing these) I will be checking that you have completed these on the AP website on April 13<sup>th</sup>. I will be checking in on those of you who do not have them completed. I will be posting new weekly assignments each Monday by 9 AM. If you need, here are the AP Classroom access codes again: (AP central website)

[AP Physics Per 1](#) Join Code:X27A9Z

[AP Physics Per 2](#) Join Code:NQ7J7G

In addition, I have opened up other unit progress checks as well. AP central has put out a YouTube AP channel to teach/review AP Physics 1 topics. (check it out) Those of you that would like to learn Unit 8 and 9 (electricity), I will give you opportunities to do so. (but maybe after May 14<sup>th</sup>)

The AP exam will look different from the past, I have included a description of the exam format on the following page. How I will assess your learning is still to be determined

Email me if you have any problems. [penningtons@luhsd.net](mailto:penningtons@luhsd.net)

I hope that you are safe and healthy.

Mr. Pennington

<b>Test date and time</b>	<b>Exam Date: May 14</b> Pacific Time: 1 p.m.	
<b>Exam timing</b>	Students will have 25 minutes to read and respond to Question 1, and then 5 minutes to upload their response. After uploading the response to Question 1, students will have 15 minutes to respond to Question 2, with 5 additional minutes to upload their response to Question 2. Once their response to Question 1 has been submitted, they cannot go back to it.	
<b>Questions</b>	Question 1 (25 mins.)	Question 2 (15 mins.)
<b>% of exam weight</b>	60%	40%
<b>Question name</b>	Qualitative/Quantitative Translation (QQT)	Paragraph Argument Short Answer
<b>Question description</b>	This question assesses students' ability to translate between quantitative and qualitative justification and reasoning.	This question type assesses students' ability to create a paragraph-length response, which consists of a coherent argument about a physics phenomenon that uses the information presented in the question and proceeds in a logical, expository fashion to arrive at a conclusion.